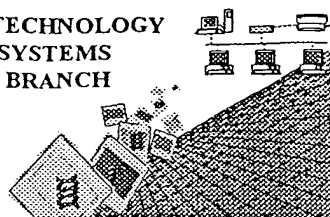


BIOTECHNOLOGY
SYSTEMS
BRANCH



RAW SEQUENCE LISTING
ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 10/070,240
Source: Pt 1/10
Date Processed by STIC: 3/21/2002

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216.

PATENTIN 2.1 e-mail help: patin21help@uspto.gov or phone 703-306-4119 (R. Wax)

PATENTIN 3.0 e-mail help: patin3help@uspto.gov or phone 703-306-4119 (R. Wax)

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE **CHECKER**
VERSION 3.1 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND
TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

<http://www.uspto.gov/web/offices/pac/checker>

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<<http://www.uspto.gov/ebc/efs/downloads/documents.htm>> , EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: U.S. Patent and Trademark Office, Box Sequence, P.O. Box 2327, Arlington, VA 22202
3. Hand Carry directly to:
U.S. Patent and Trademark Office, Technology Center 1600, Reception Area, 7th Floor, Examiner Name,
Sequence Information, Crystal Mall One, 1911 South Clark Street, Arlington, VA 22202
Or
U.S. Patent and Trademark Office, Box Sequence, Customer Window, Lobby, Room 1B03, Crystal Plaza Two,
2011 South Clark Place, Arlington, VA 22202
4. Federal Express, United Parcel Service, or other delivery service to: U.S. Patent and Trademark Office,
Box Sequence, Room 1B03-Mailroom, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202

Revised 01/29/2002

Raw Sequence Listing Error Summary

ERROR DETECTED	SUGGESTED CORRECTION	SERIAL NUMBER: 10/070,240
ATTN: NEW RULES CASES: PLEASE DISREGARD ENGLISH "ALPHA" HEADERS, WHICH WERE INSERTED BY PTO SOFTWARE		
1 _____ Wrapped Nucleics Wrapped Aminos	The number/text at the end of each line "wrapped" down to the next line. This may occur if your file was retrieved in a word processor after creating it. Please adjust your right margin to .3; this will prevent "wrapping."	
2 _____ Invalid Line Length	The rules require that a line not exceed 72 characters in length. This includes white spaces.	
3 _____ Misaligned Amino Numbering	The numbering under each 5 th amino acid is misaligned. Do not use tab codes between numbers; use space characters, instead.	
4 _____ Non-ASCII	The submitted file was not saved in ASCII(DOS) text, as required by the Sequence Rules. Please ensure your subsequent submission is saved in ASCII text.	
5 _____ Variable Length	Sequence(s) _____ contain n's or Xaa's representing more than one residue. Per Sequence Rules, each n or Xaa can only represent a single residue. Please present the maximum number of each residue having variable length and indicate in the <220>-<223> section that some may be missing.	
6 _____ PatentIn 2.0 "bug"	A "bug" in PatentIn version 2.0 has caused the <220>-<223> section to be missing from amino acid sequences(s) _____. Normally, PatentIn would automatically generate this section from the previously coded nucleic acid sequence. Please manually copy the relevant <220>-<223> section to the subsequent amino acid sequence. This applies to the mandatory <220>-<223> sections for Artificial or Unknown sequences.	
7 _____ Skipped Sequences (OLD RULES)	Sequence(s) _____ missing. If intentional, please insert the following lines for each skipped sequence: (2) INFORMATION FOR SEQ ID NO:X: (insert SEQ ID NO where "X" is shown) (i) SEQUENCE CHARACTERISTICS: (Do not insert any subheadings under this heading) (xi) SEQUENCE DESCRIPTION:SEQ ID NO:X: (insert SEQ ID NO where "X" is shown) This sequence is intentionally skipped Please also adjust the "(ii) NUMBER OF SEQUENCES:" response to include the skipped sequences.	
8 _____ Skipped Sequences (NEW RULES)	Sequence(s) _____ missing. If intentional, please insert the following lines for each skipped sequence. <210> sequence id number <400> sequence id number 000	
9 _____ Use of n's or Xaa's (NEW RULES)	Use of n's and/or Xaa's have been detected in the Sequence Listing. Per 1.823 of Sequence Rules, use of <220>-<223> is MANDATORY if n's or Xaa's are present. In <220> to <223> section, please explain location of n or Xaa, and which residue n or Xaa represents.	
10 _____ Invalid <213> Response	Per 1.823 of Sequence Rules, the only valid <213> responses are: Unknown, Artificial Sequence, or scientific name (Genus/species). <220>-<223> section is required when <213> response is Unknown or is Artificial Sequence	
11 _____ Use of <220>	Sequence(s) _____ missing the <220> "Feature" and associated numeric identifiers and responses. Use of <220> to <223> is MANDATORY if <213> "Organism" response is "Artificial Sequence" or "Unknown." Please explain source of genetic material in <220> to <223> section. (See "Federal Register," 06/01/1998, Vol. 63, No. 104, pp. 29631-32) (Sec. 1.823 of Sequence Rules)	
12 _____ PatentIn 2.0 "bug"	Please do not use "Copy to Disk" function of PatentIn version 2.0. This causes a corrupted file, resulting in missing mandatory numeric identifiers and responses (as indicated on raw sequence listing). Instead, please use "File Manager" or any other manual means to copy file to floppy disk.	
13 _____ Misuse of n	n can only be used to represent a single nucleotide in a nucleic acid sequence. N is not used to represent any value not specifically a nucleotide.	



PCT10

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/070,240

DATE: 03/21/2002
TIME: 15:01:37

Input Set : A:\EP.txt
Output Set: N:\CRF3\03212002\J070240.raw

Does Not Comply
Corrected Diskette Needed

3 <110> APPLICANT: Takeda Chemical Industries, Ltd.
4 <120> TITLE OF INVENTION: Novel G Protein Coupled Receptor Protein and Its Use
5 <130> FILE REFERENCE: 2634WO0P
6 <140> CURRENT APPLICATION NUMBER: US/10/070,240
6 <141> CURRENT FILING DATE: 2002-02-27
6 <150> PRIOR APPLICATION NUMBER: JP 11-241531
7 <151> PRIOR FILING DATE: 1999-08-27
8 <150> PRIOR APPLICATION NUMBER: JP 2000-217474
9 <151> PRIOR FILING DATE: 2000-07-18
10 <160> NUMBER OF SEQ ID: 31
11 <160> NUMBER OF SEQ ID: 5

*Suggestion: Consult
Sequence Rules
for valid format*

*Why is this shown? 31 sequences
are contained in
this file. Per
Sequence Rules, <160>
and response are
shown on one line
only*

ERRORED SEQUENCES

173 <210> SEQ ID NO: 11
174 <211> LENGTH: 16
175 <212> TYPE: PRT
176 <213> ORGANISM: Bovine
177 <400> SEQUENCE: 11
178 Ala Val Ile Thr Gly Ala Xaa Glu Arg Asp Val Gln Xaa Arg Ala Gly
179 5 10 15
416 <210> SEQ ID NO: 31
417 <211> LENGTH: 10
418 <212> TYPE: PRT
419 <213> ORGANISM: Human
420 <400> SEQUENCE: 31
421 Ala Val Ile Thr Gly Ala Xaa Glu Arg Asp
422 5 10

*see item 9 on
Error Summary
Sheet*

item 9

*Please convert all nucleotides in this file from
upper-case letters to lower-case letters. In
new Sequence Rules format, all nucleotides are
to be shown in lower-case letters.*

VERIFICATION SUMMARY

DATE: 03/21/2002

PATENT APPLICATION: US/10/070,240

TIME: 15:01:38

Input Set: A:\EP.txt

Output Set: N:\CRF3\03212002\J070240.raw

:4 M:283 W: Missing Blank Line separator, <120> field identifier
 :5 M:283 W: Missing Blank Line separator, <130> field identifier
 :6 M:270 C: Current Application Number differs, Replaced Current Application No
 :6 M:271 C: Current Filing Date differs, Replaced Current Filing Date
 :10 M:283 W: Missing Blank Line separator, <160> field identifier
 :11 M:283 W: Missing Blank Line separator, <160> field identifier
 :11 M:280 W: Numeric Identifier already exists, <160> found multiple times
 :12 M:283 W: Missing Blank Line separator, <210> field identifier
 :16 M:283 W: Missing Blank Line separator, <400> field identifier
 :71 M:283 W: Missing Blank Line separator, <400> field identifier
 :72 M:112 C: (48) String data converted to lower case,
 :112 Repeated in SeqNo=2
 :96 M:283 W: Missing Blank Line separator, <400> field identifier
 :97 M:112 C: (48) String data converted to lower case,
 :112 Repeated in SeqNo=3
 :121 M:283 W: Missing Blank Line separator, <220> field identifier
 :123 M:283 W: Missing Blank Line separator, <400> field identifier
 :124 M:112 C: (48) String data converted to lower case,
 :129 M:283 W: Missing Blank Line separator, <220> field identifier
 :131 M:283 W: Missing Blank Line separator, <400> field identifier
 :132 M:112 C: (48) String data converted to lower case,
 :137 M:283 W: Missing Blank Line separator, <220> field identifier
 :139 M:283 W: Missing Blank Line separator, <400> field identifier
 :140 M:112 C: (48) String data converted to lower case,
 :145 M:283 W: Missing Blank Line separator, <220> field identifier
 :147 M:283 W: Missing Blank Line separator, <400> field identifier
 :148 M:112 C: (48) String data converted to lower case,
 :153 M:283 W: Missing Blank Line separator, <220> field identifier
 :155 M:283 W: Missing Blank Line separator, <400> field identifier
 :156 M:112 C: (48) String data converted to lower case,
 :161 M:283 W: Missing Blank Line separator, <220> field identifier
 :163 M:283 W: Missing Blank Line separator, <400> field identifier
 :164 M:112 C: (48) String data converted to lower case,
 :169 M:283 W: Missing Blank Line separator, <220> field identifier
 :171 M:283 W: Missing Blank Line separator, <400> field identifier
 :172 M:112 C: (48) String data converted to lower case,
 :177 M:283 W: Missing Blank Line separator, <400> field identifier
 :178 M:340 E: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:11
 :184 M:283 W: Missing Blank Line separator, <220> field identifier
 :186 M:283 W: Missing Blank Line separator, <400> field identifier
 :187 M:112 C: (48) String data converted to lower case,
 :192 M:283 W: Missing Blank Line separator, <220> field identifier
 :194 M:283 W: Missing Blank Line separator, <400> field identifier
 :195 M:112 C: (48) String data converted to lower case,
 :200 M:283 W: Missing Blank Line separator, <220> field identifier
 :202 M:283 W: Missing Blank Line separator, <400> field identifier
 :203 M:112 C: (48) String data converted to lower case,
 :208 M:283 W: Missing Blank Line separator, <400> field identifier

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/070,240

DATE: 03/21/2002

TIME: 15:01:38

Input Set : A:\EP.txt

Output Set: N:\CRF3\03212002\J070240.raw

```

.:209 M:112 C: (48) String data converted to lower case,
I:112 Repeated in SeqNo=15
.:220 M:283 W: Missing Blank Line separator, <220> field identifier
.:222 M:283 W: Missing Blank Line separator, <400> field identifier
.:223 M:112 C: (48) String data converted to lower case,
.:228 M:283 W: Missing Blank Line separator, <220> field identifier
.:230 M:283 W: Missing Blank Line separator, <400> field identifier
.:231 M:112 C: (48) String data converted to lower case,
.:236 M:283 W: Missing Blank Line separator, <400> field identifier
.:237 M:112 C: (48) String data converted to lower case,
I:112 Repeated in SeqNo=18
.:248 M:283 W: Missing Blank Line separator, <400> field identifier
.:249 M:112 C: (48) String data converted to lower case,
I:112 Repeated in SeqNo=19
.:260 M:283 W: Missing Blank Line separator, <400> field identifier
.:277 M:283 W: Missing Blank Line separator, <400> field identifier
.:294 M:283 W: Missing Blank Line separator, <400> field identifier
.:313 M:283 W: Missing Blank Line separator, <400> field identifier
.:332 M:283 W: Missing Blank Line separator, <400> field identifier
.:333 M:112 C: (48) String data converted to lower case,
I:112 Repeated in SeqNo=24
.:349 M:283 W: Missing Blank Line separator, <400> field identifier
.:350 M:112 C: (48) String data converted to lower case,
I:112 Repeated in SeqNo=25
.:366 M:283 W: Missing Blank Line separator, <400> field identifier
.:367 M:112 C: (48) String data converted to lower case,
I:112 Repeated in SeqNo=26
.:376 M:283 W: Missing Blank Line separator, <400> field identifier
.:377 M:112 C: (48) String data converted to lower case,
I:112 Repeated in SeqNo=27
.:386 M:283 W: Missing Blank Line separator, <400> field identifier
.:387 M:112 C: (48) String data converted to lower case,
I:112 Repeated in SeqNo=28
.:397 M:283 W: Missing Blank Line separator, <400> field identifier
.:398 M:112 C: (48) String data converted to lower case,
I:112 Repeated in SeqNo=29
.:408 M:283 W: Missing Blank Line separator, <400> field identifier
.:409 M:112 C: (48) String data converted to lower case,
I:112 Repeated in SeqNo=30
.:420 M:283 W: Missing Blank Line separator, <400> field identifier
.:421 M:340 E: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:31
.:11 M:203 E: No. of Seq. differs, <160> Number Of Sequences:Input (5) Counted (31)

```